

The Jini Technology

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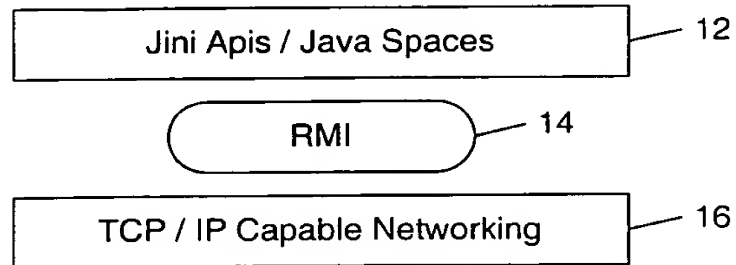


Fig. 1  
(Prior Art)

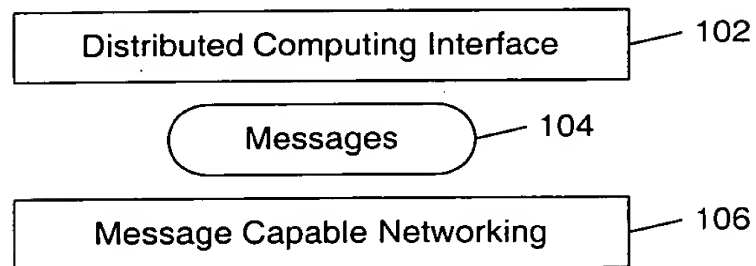


Fig. 2

00573 3925960

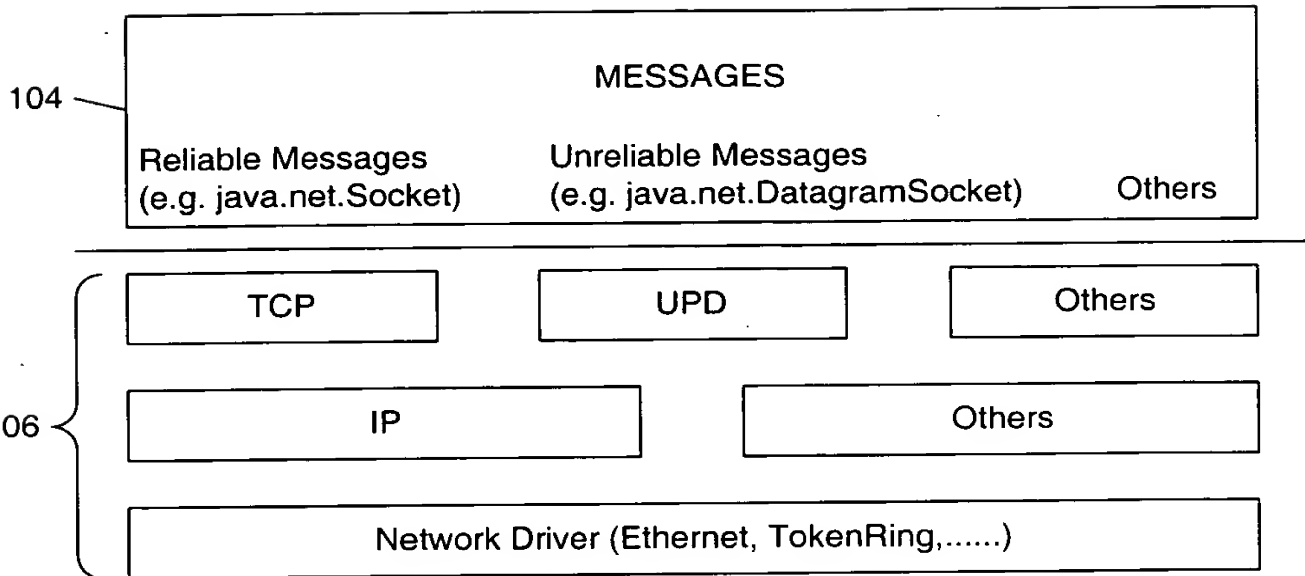


Fig. 3

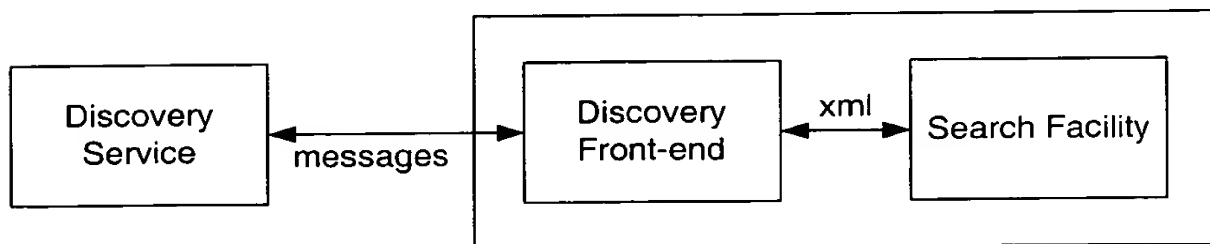


Fig. 4

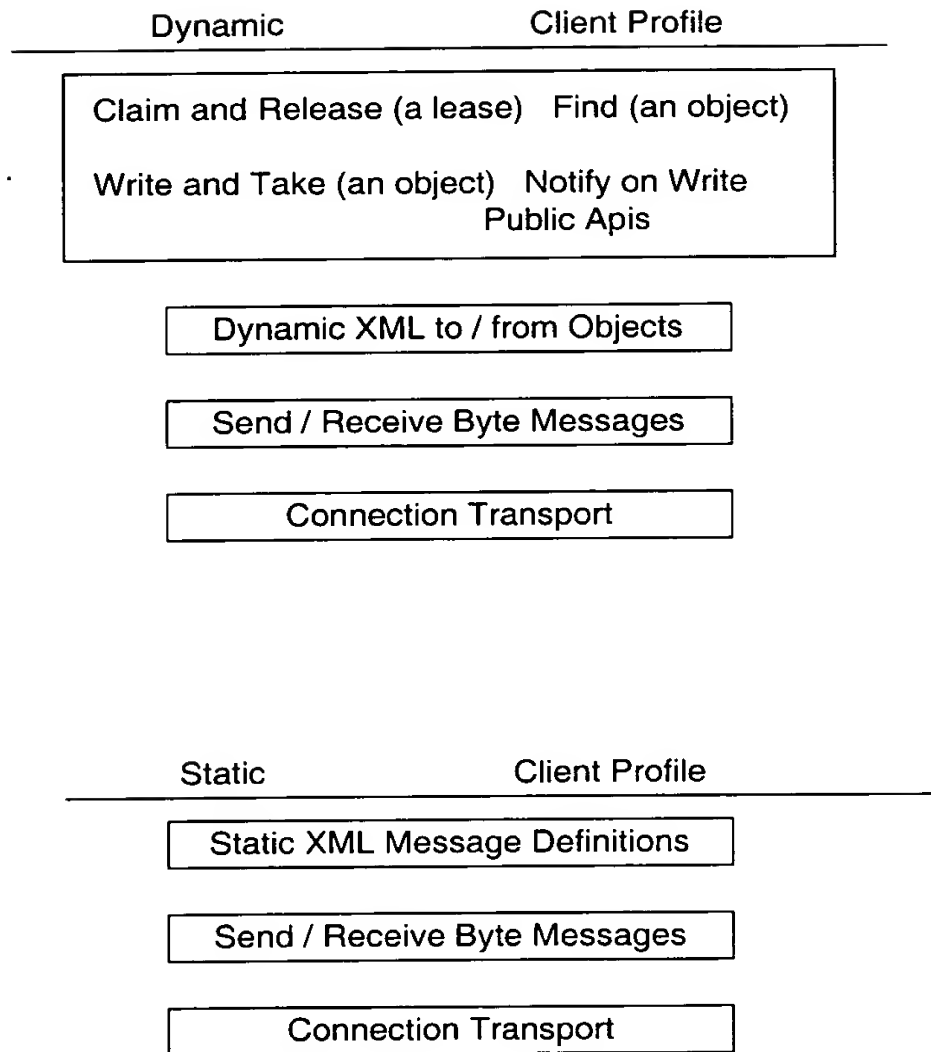


Fig. 5

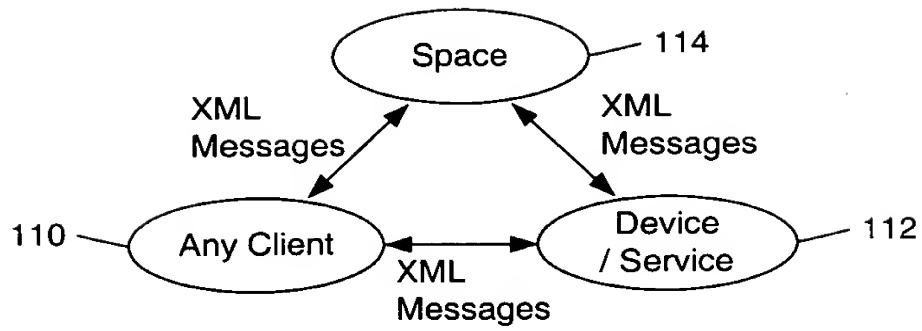


Fig. 6

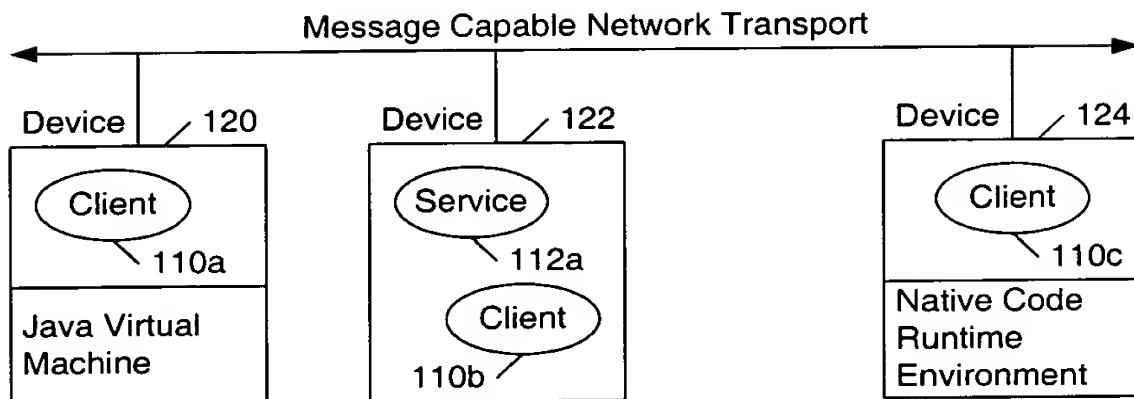
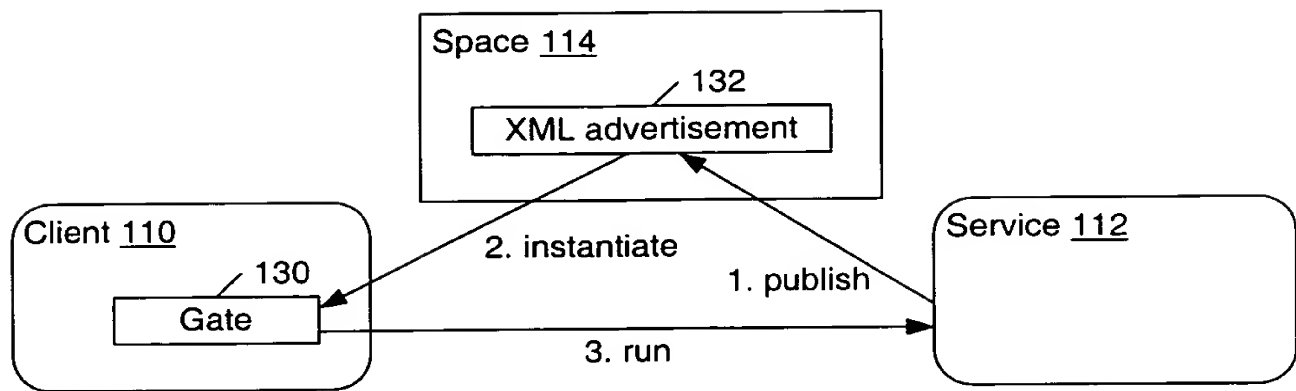


Fig. 7



**Fig. 8**

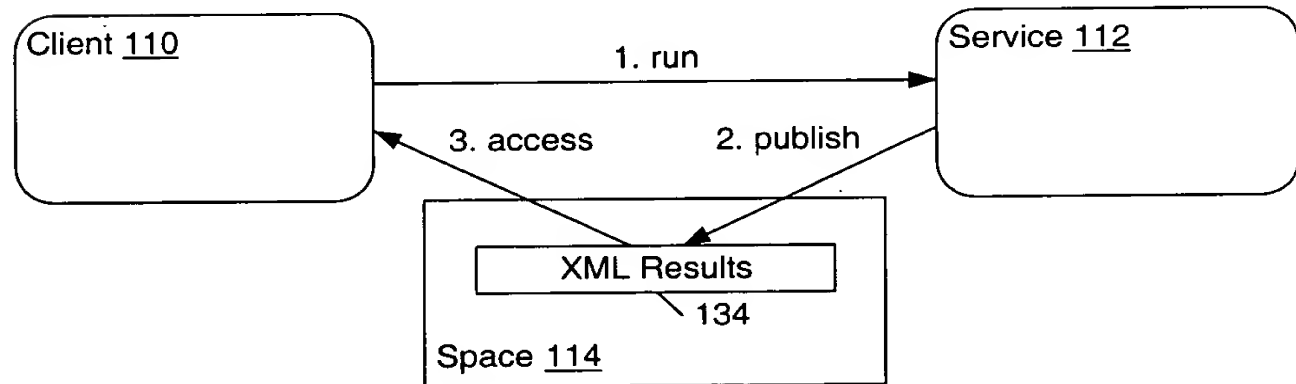


Fig. 9

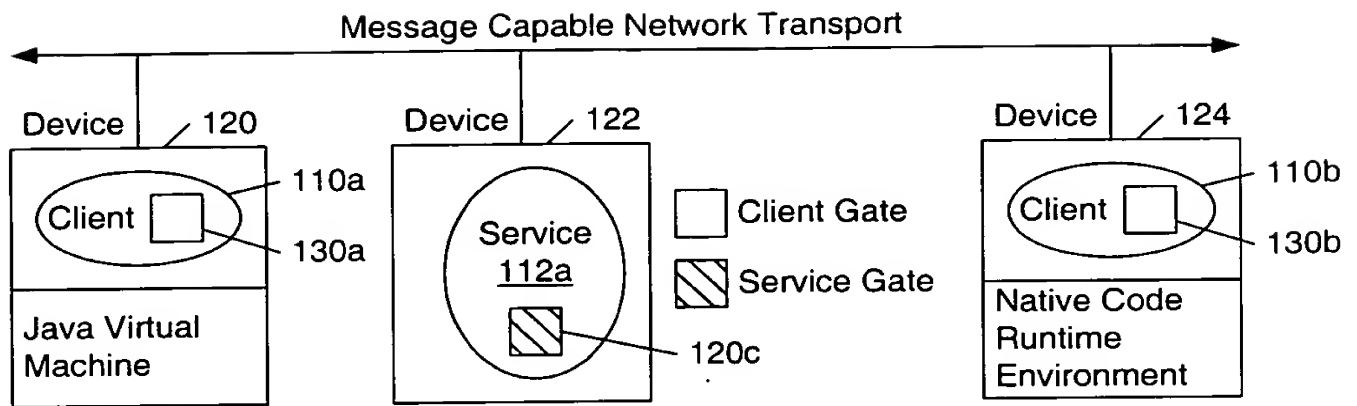


Fig. 10a

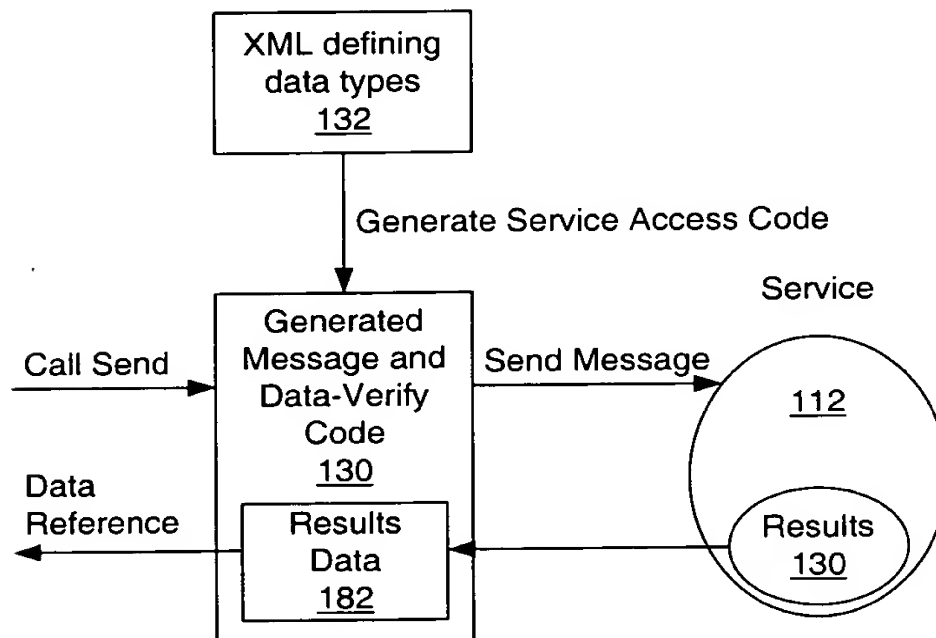


Fig. 10b

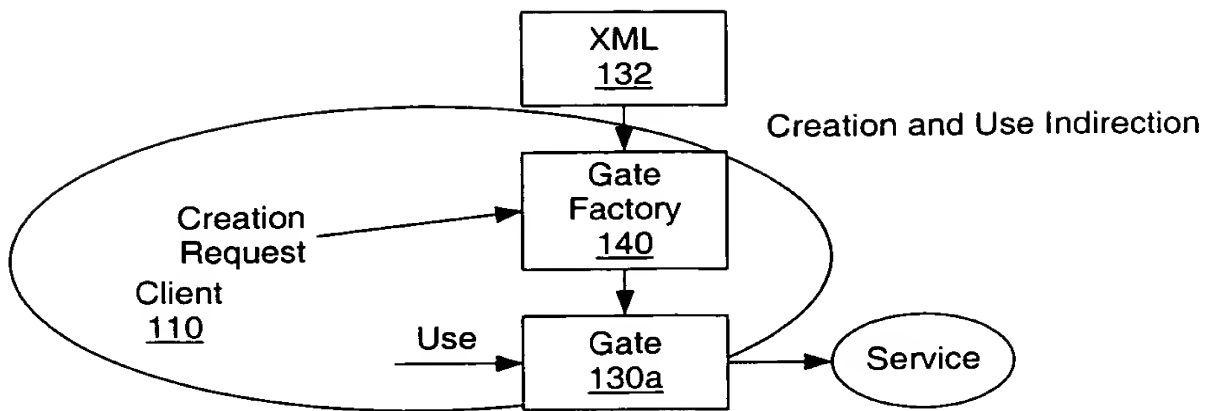


Fig. 11a

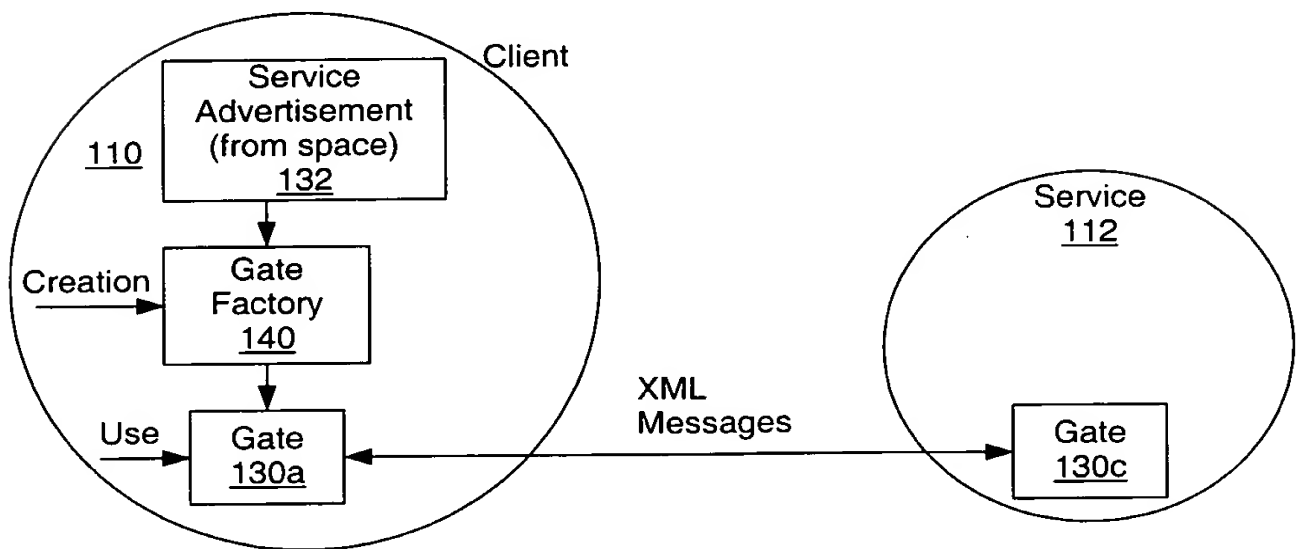


Fig. 11b

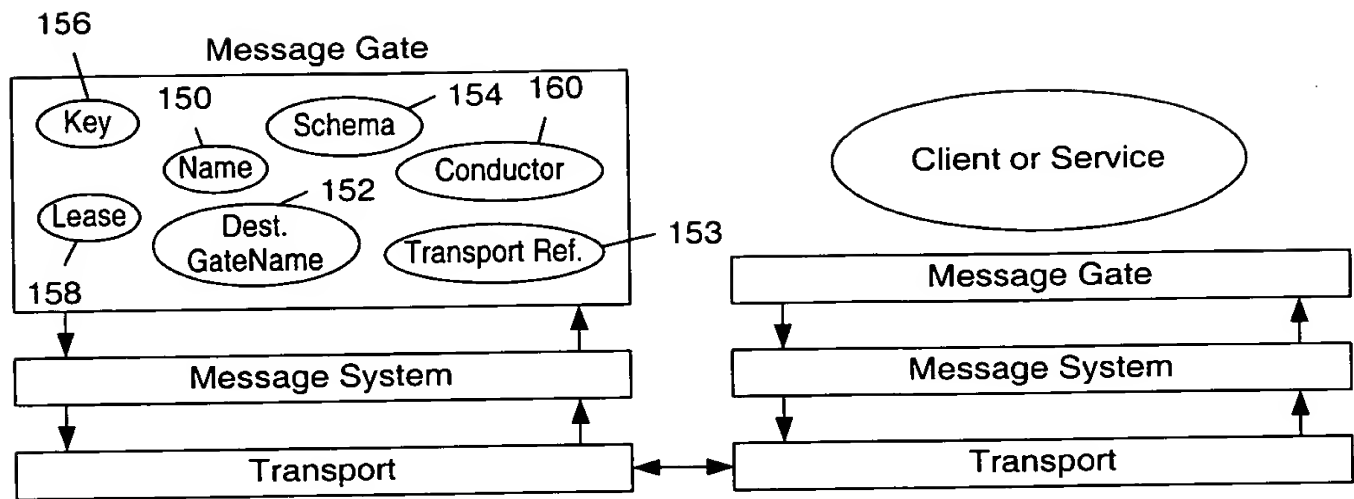


Fig. 12

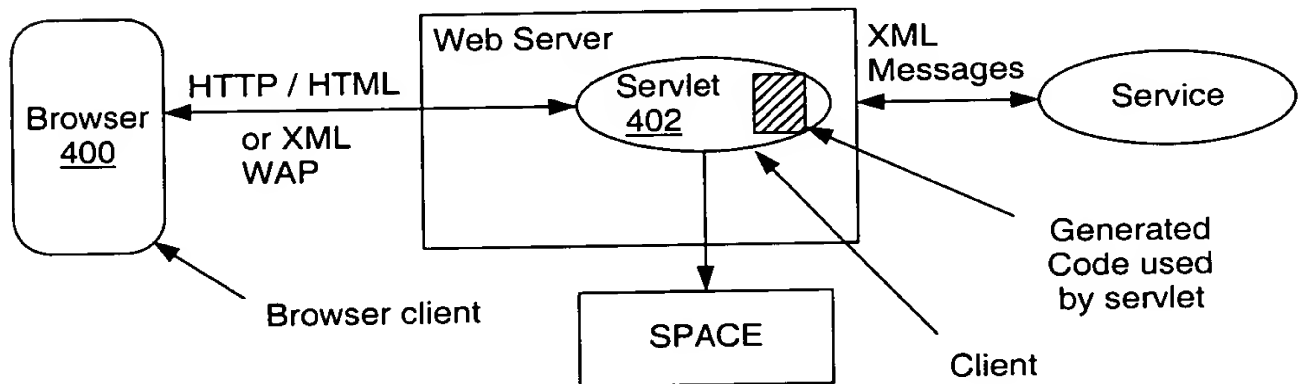


Fig. 13



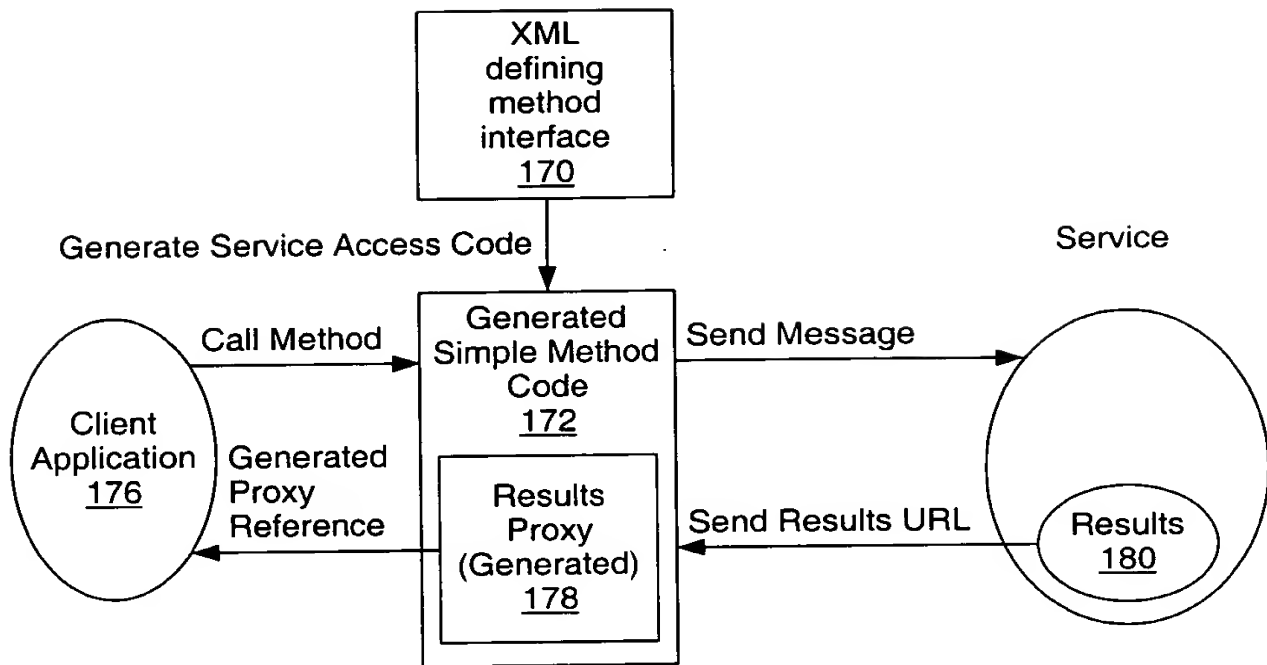


Fig. 14

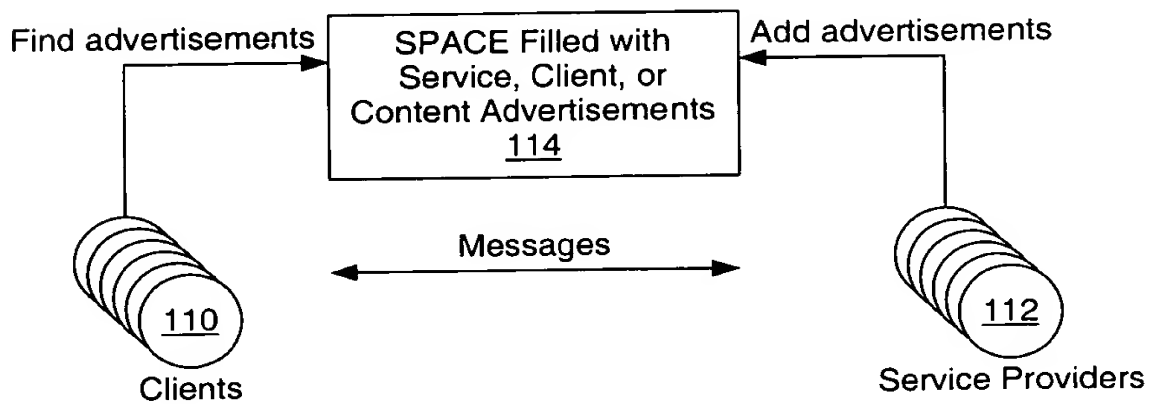


Fig. 15

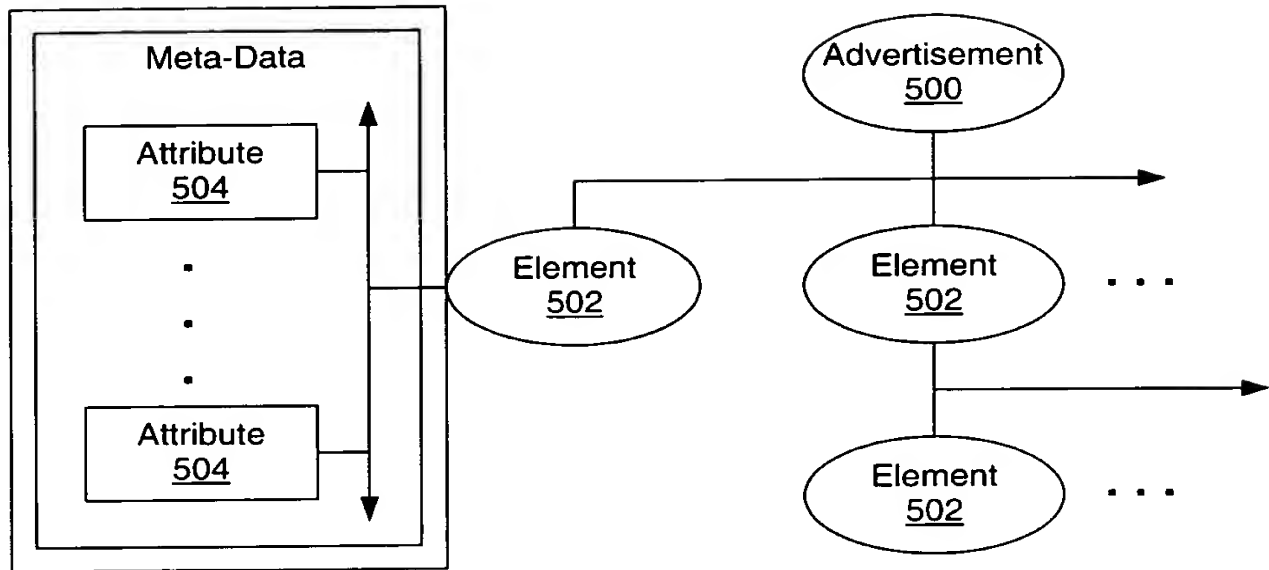


Fig. 16

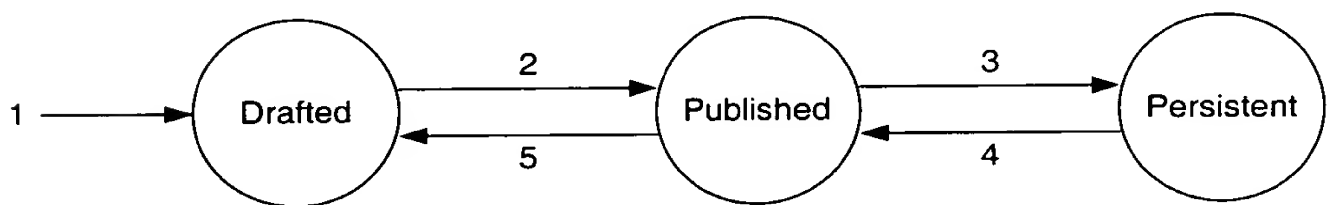


Fig. 17



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graph TD
    300[Client runs authentication service for space  
300] --> 302[Client constructs gate for accessing space  
302]
    302 --> 304[Client sends message to space to  
run space service  
304]
    304 --> 306[Space runs authentication service to  
identify client  
306]
    306 --> 308[Space determines client capabilities and  
binds them to client identity (token)  
308]
    308 --> 310[Messaging proceeds between client and  
space - client may access space facilities  
310]

```

Fig. 20

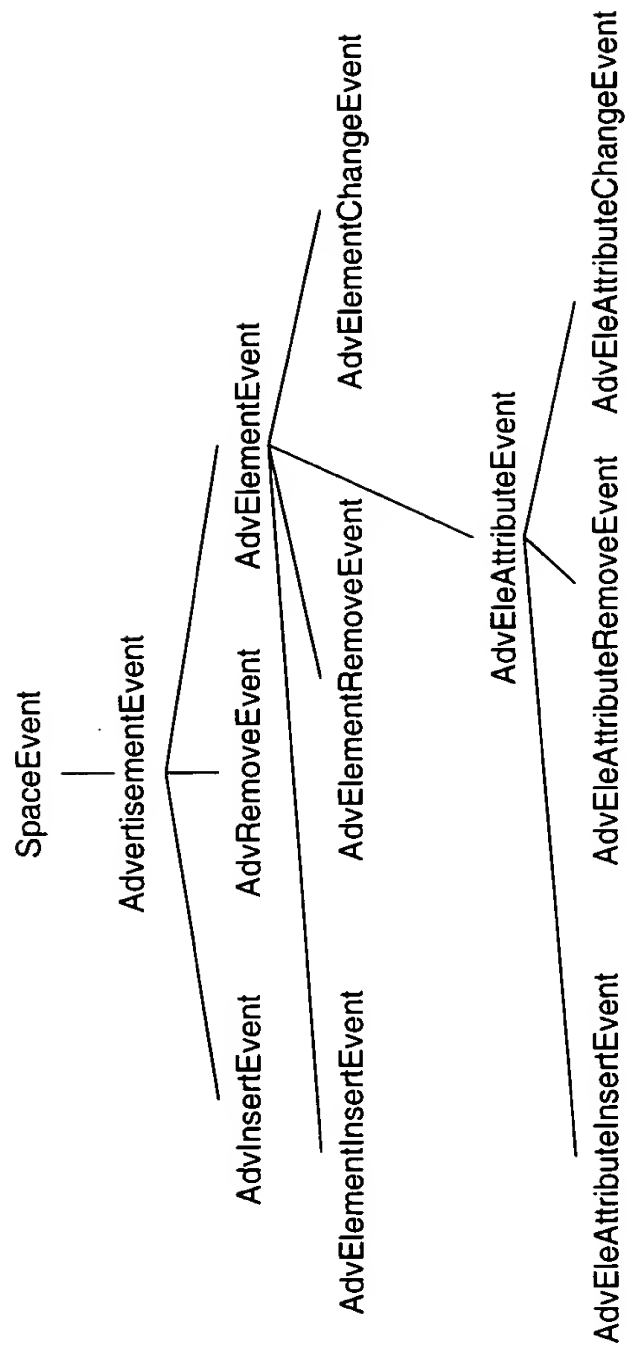


Fig. 21

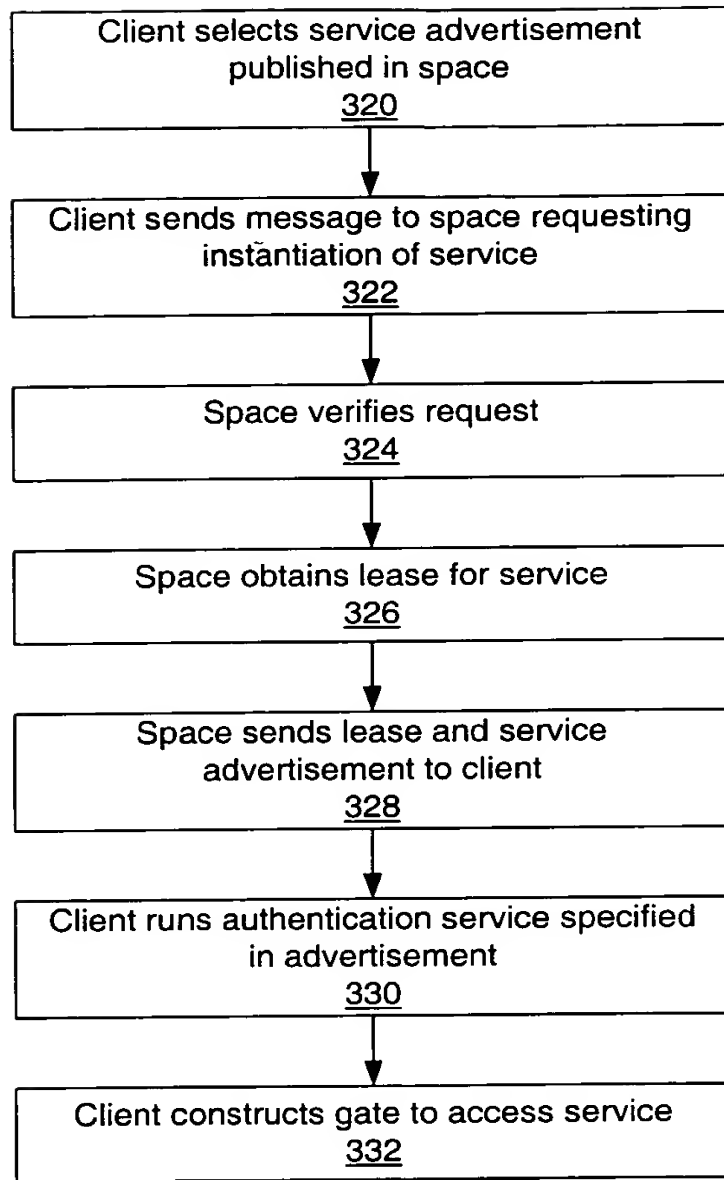


Fig. 22

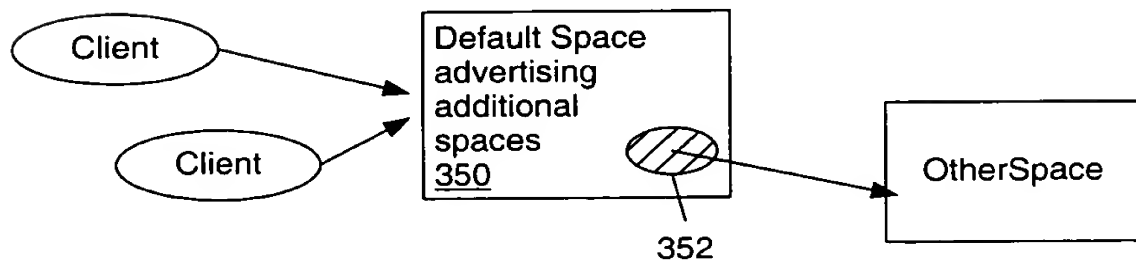


Fig. 23

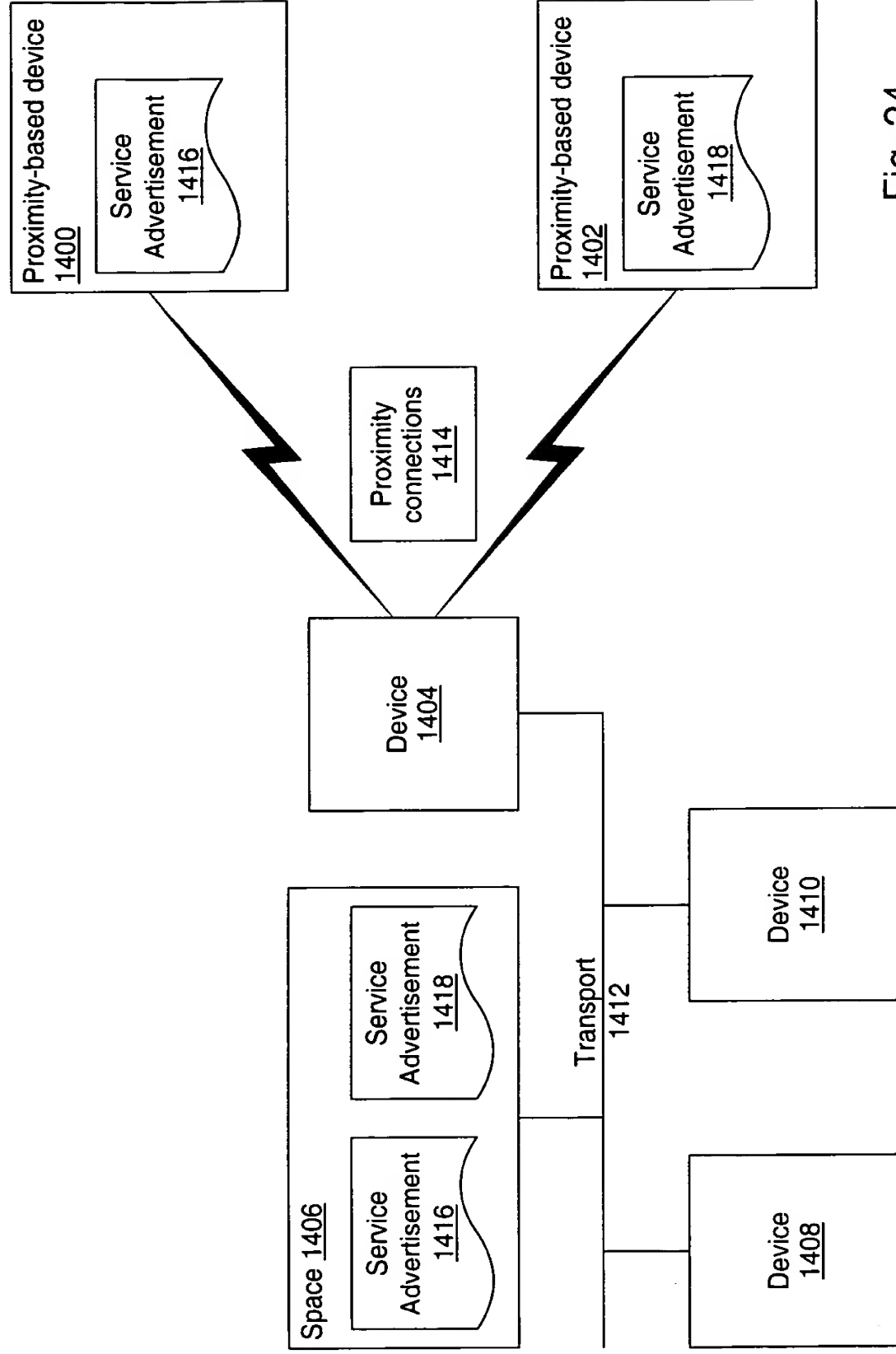


Fig. 24

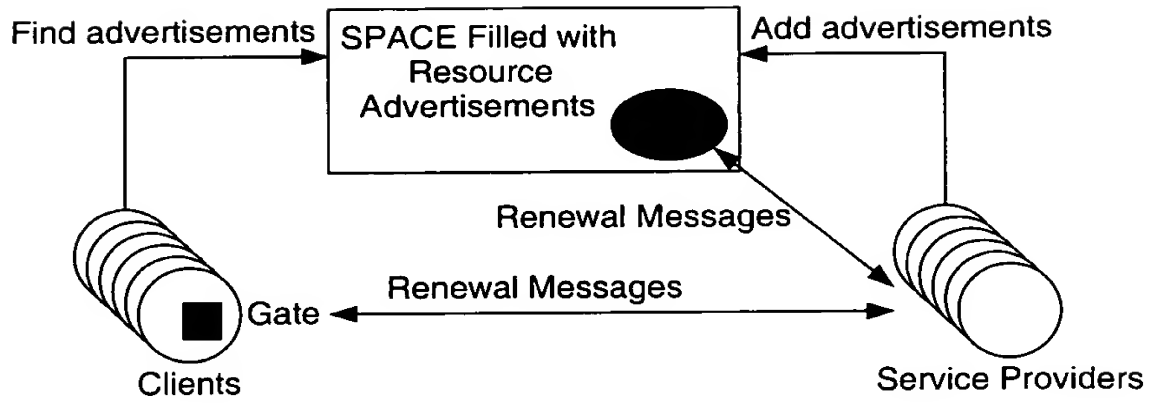


Fig. 25

00592765-101900



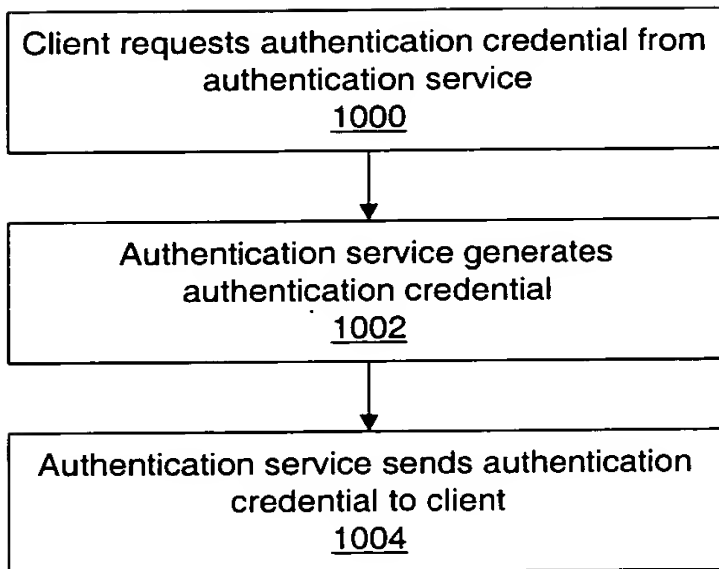


FIG. 26a

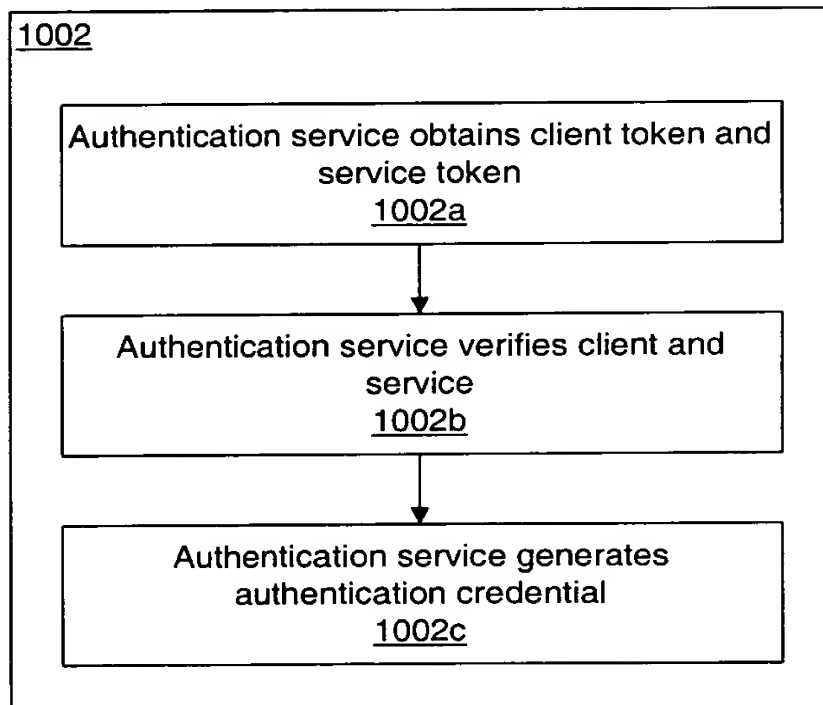


FIG. 26b

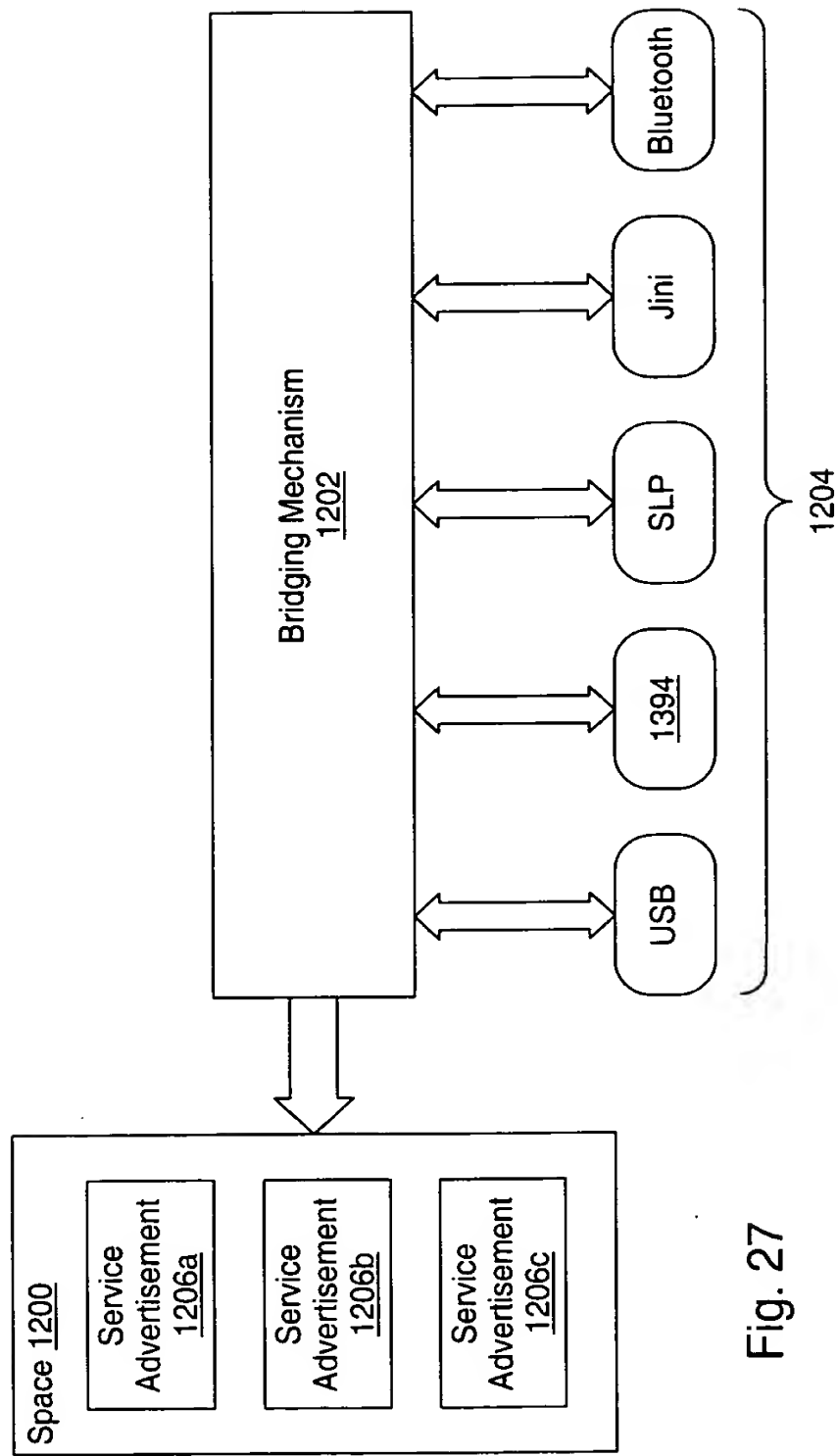


Fig. 27

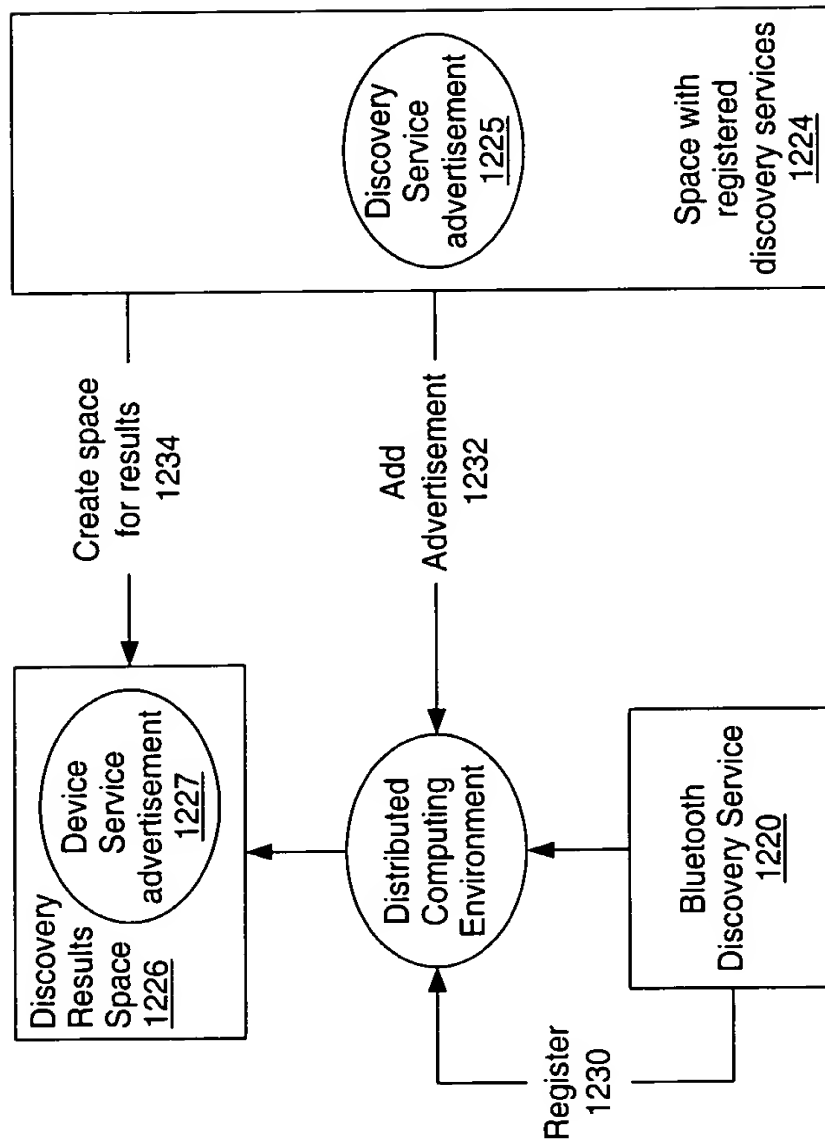


Fig. 28

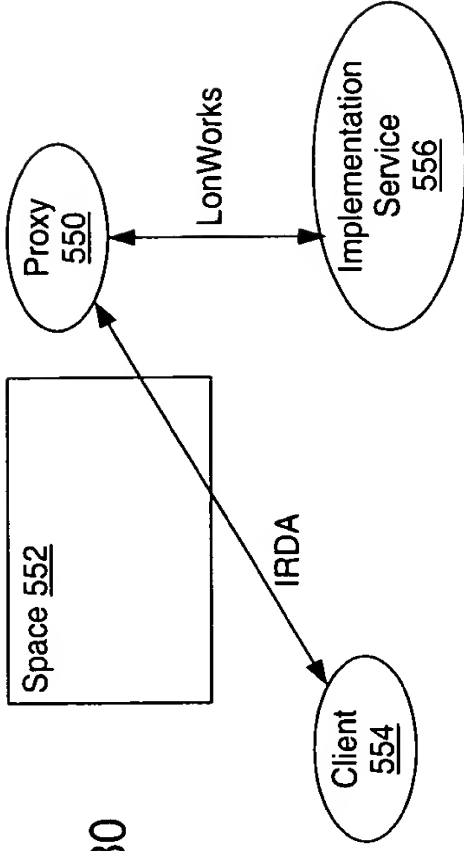


Fig. 30

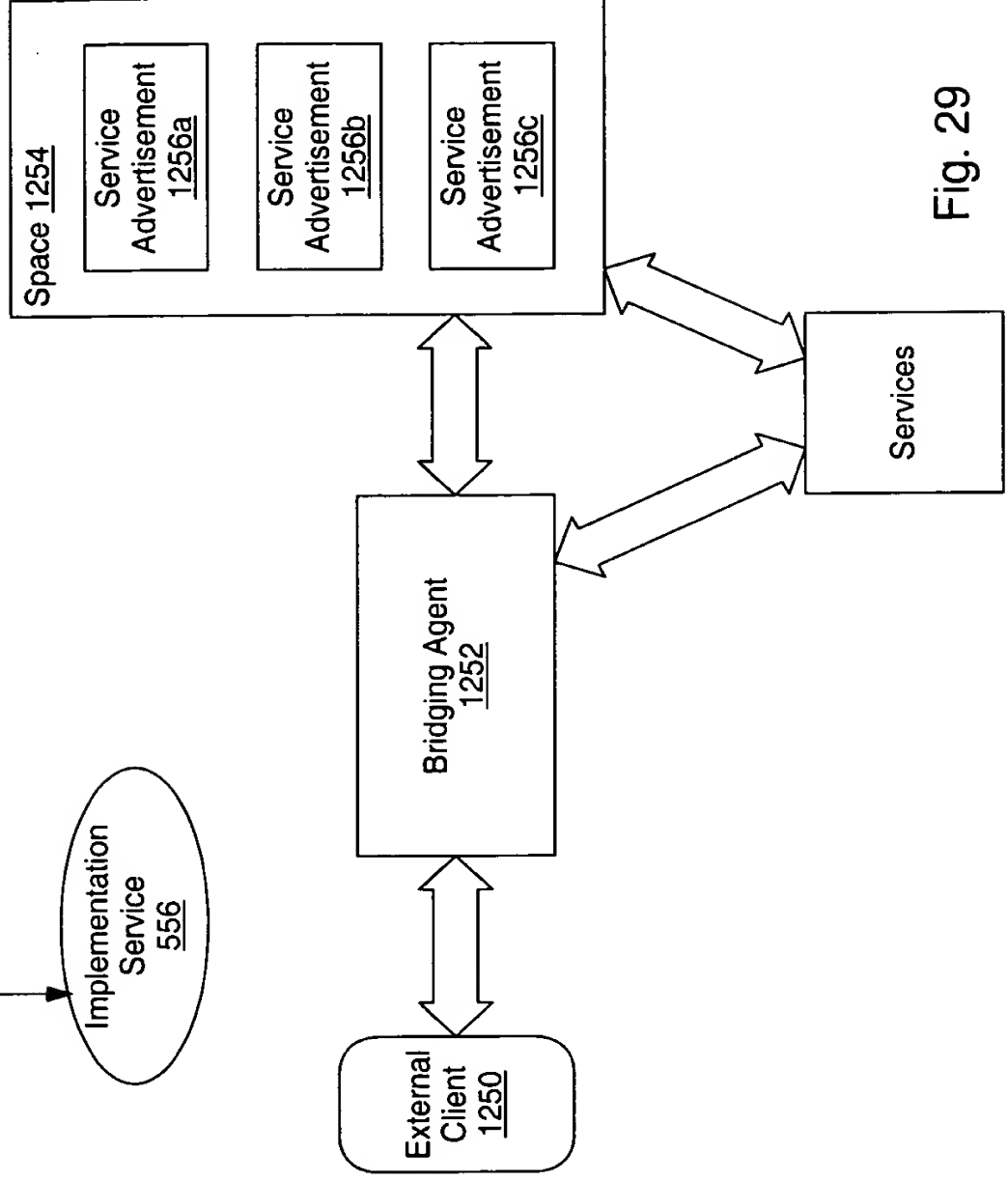


Fig. 29

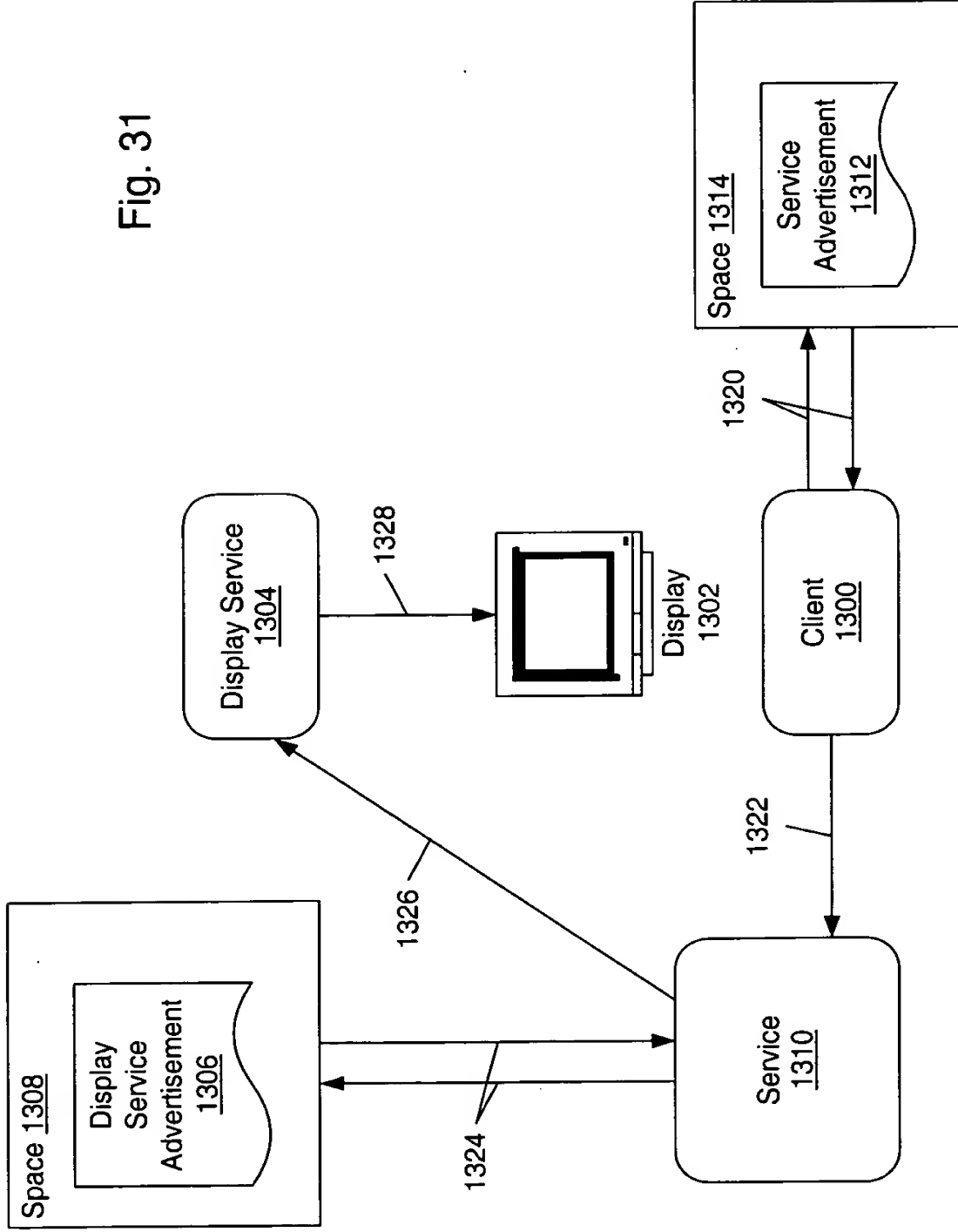


Fig. 31

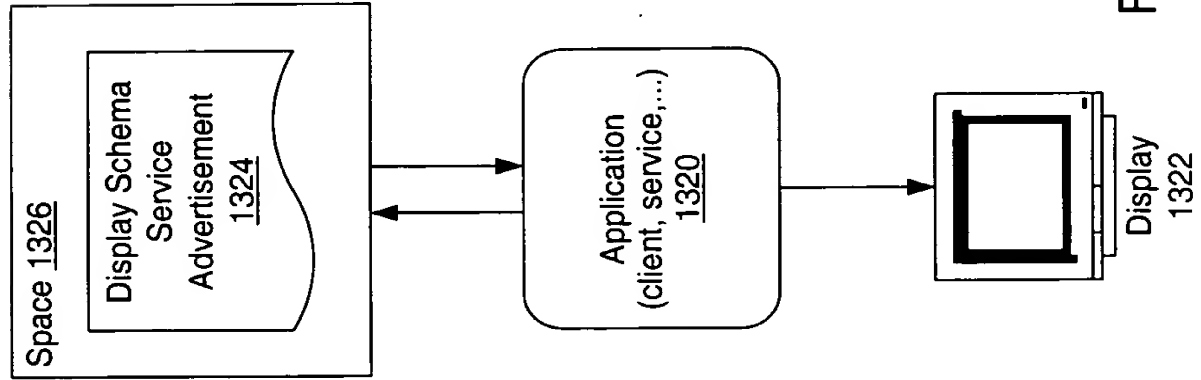


Fig. 32A

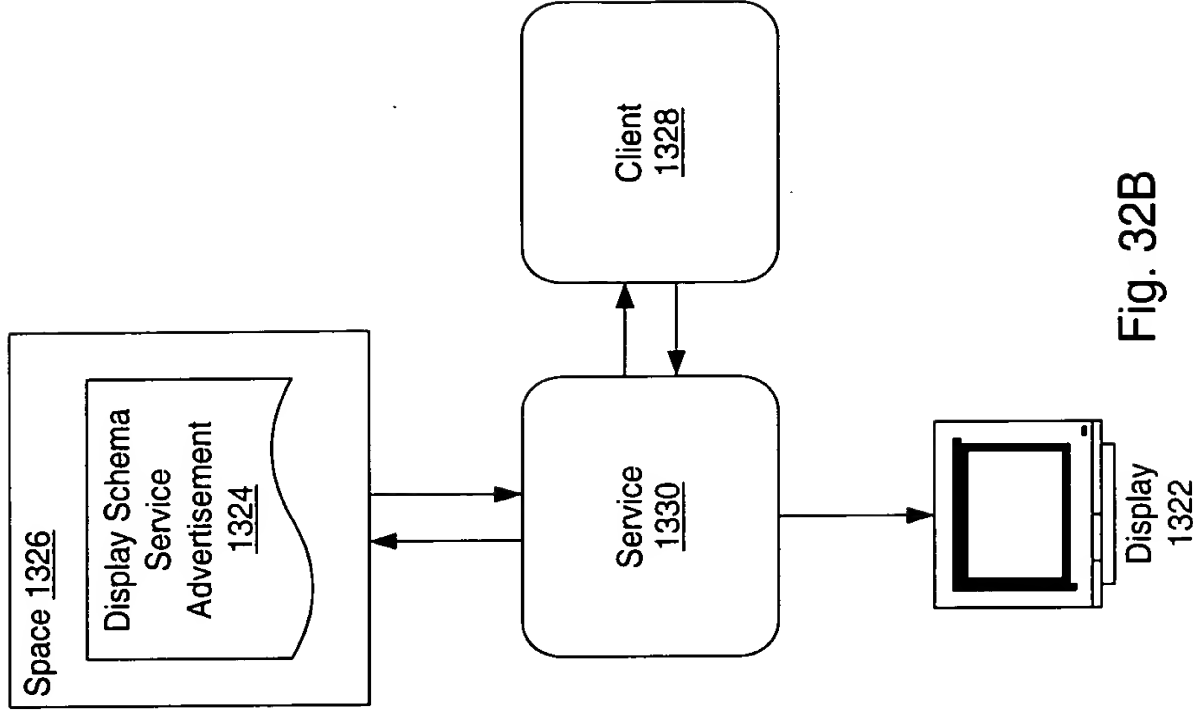


Fig. 32B

000101-55226960

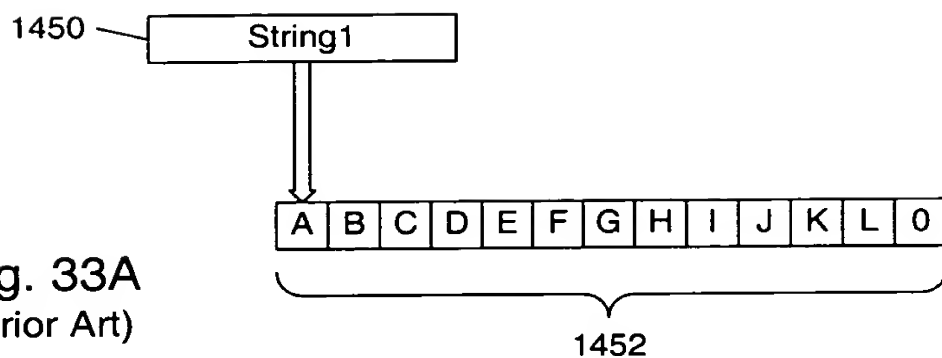


Fig. 33A  
(Prior Art)

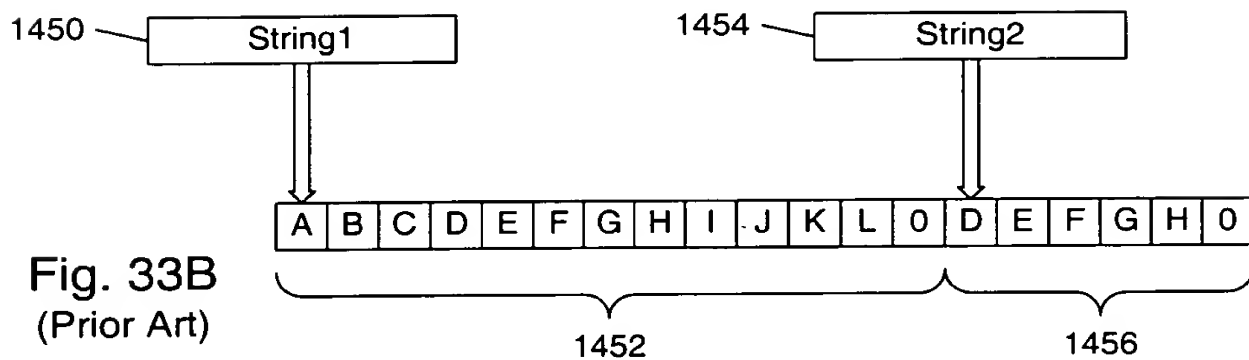


Fig. 33B  
(Prior Art)

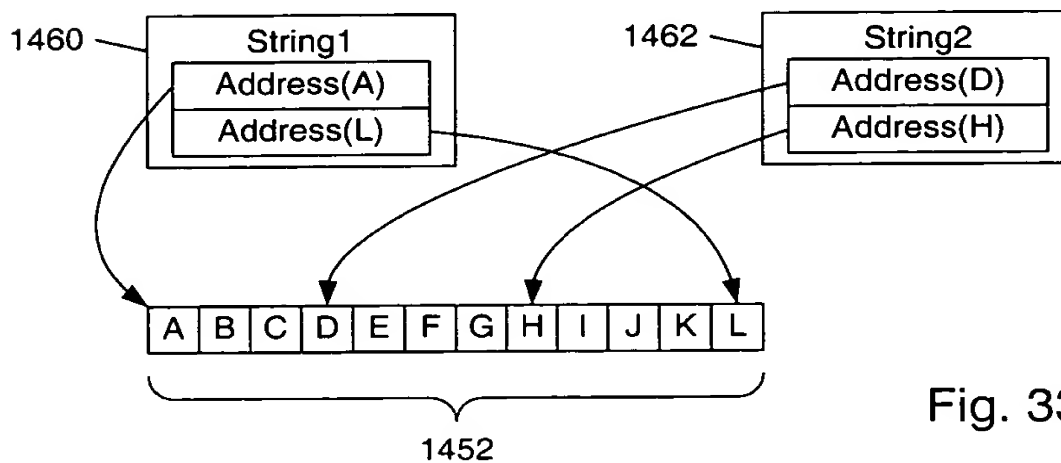


Fig. 33C

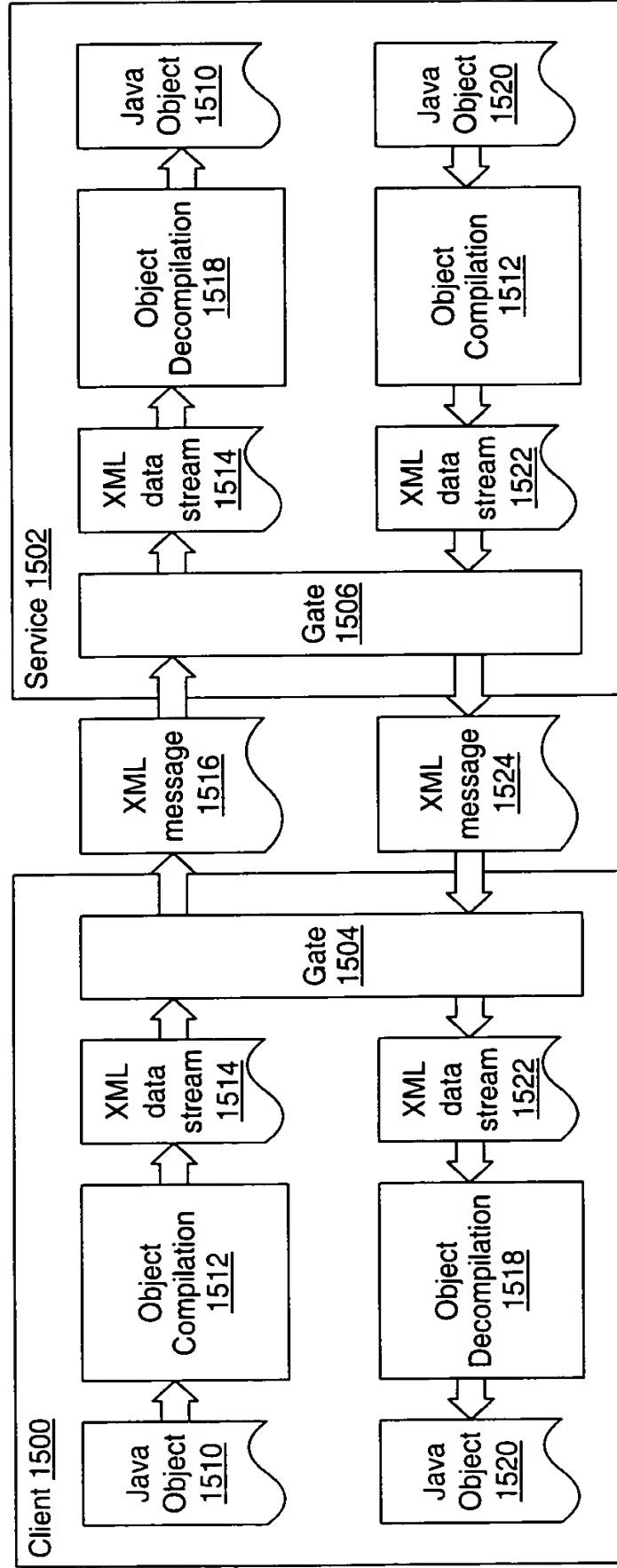


Fig. 34



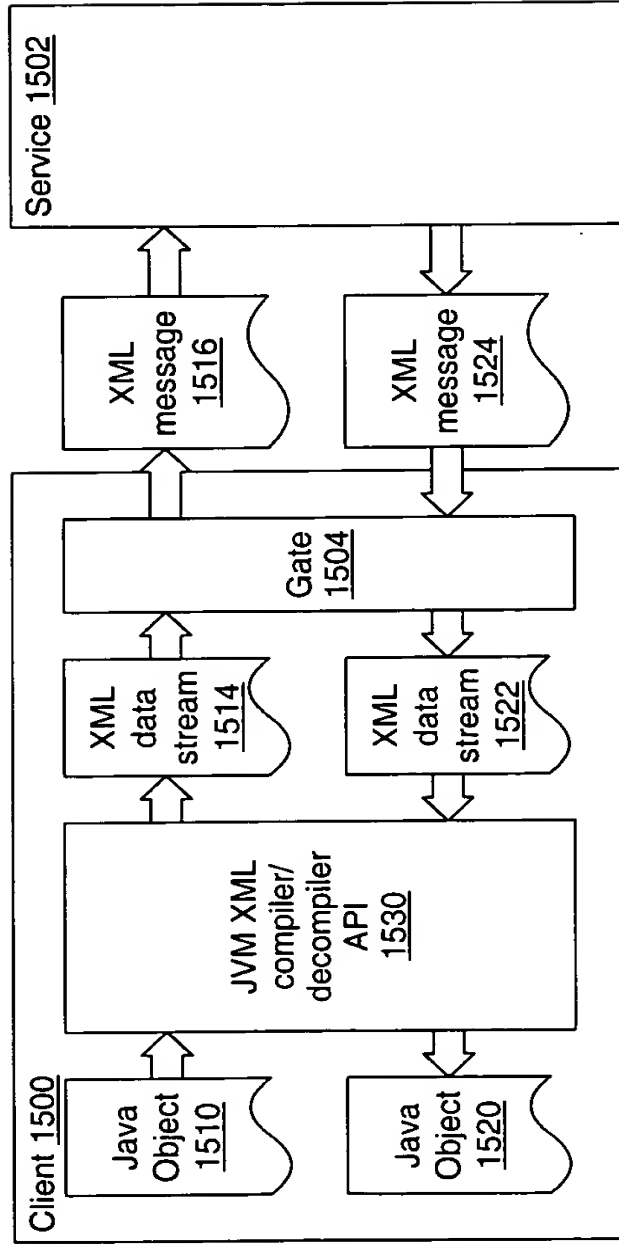


Fig. 35a

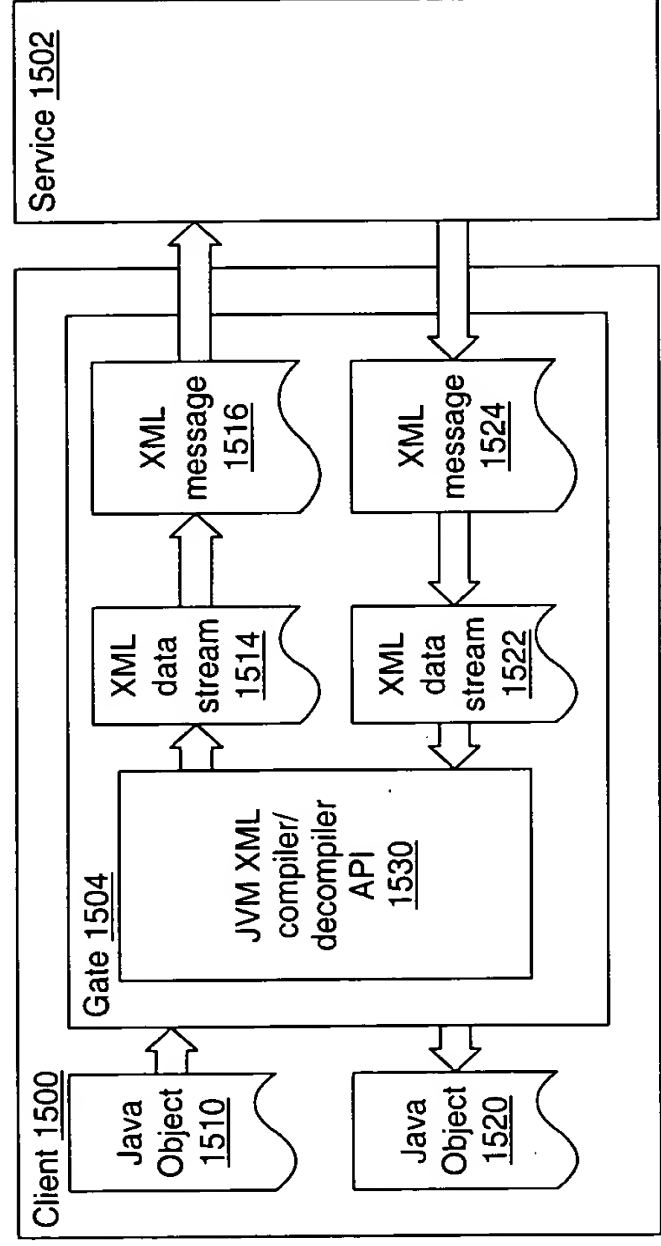
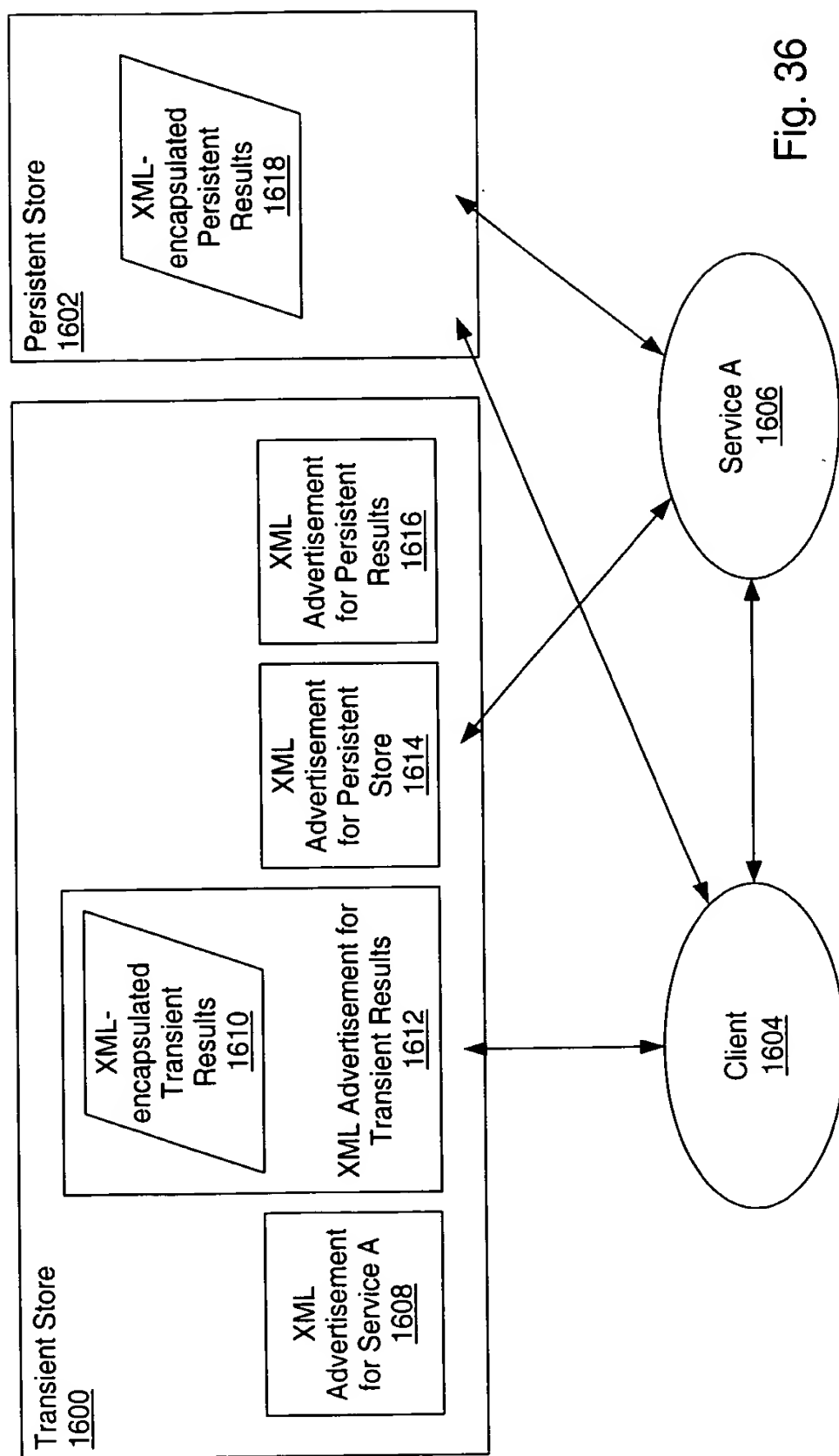


Fig. 35b



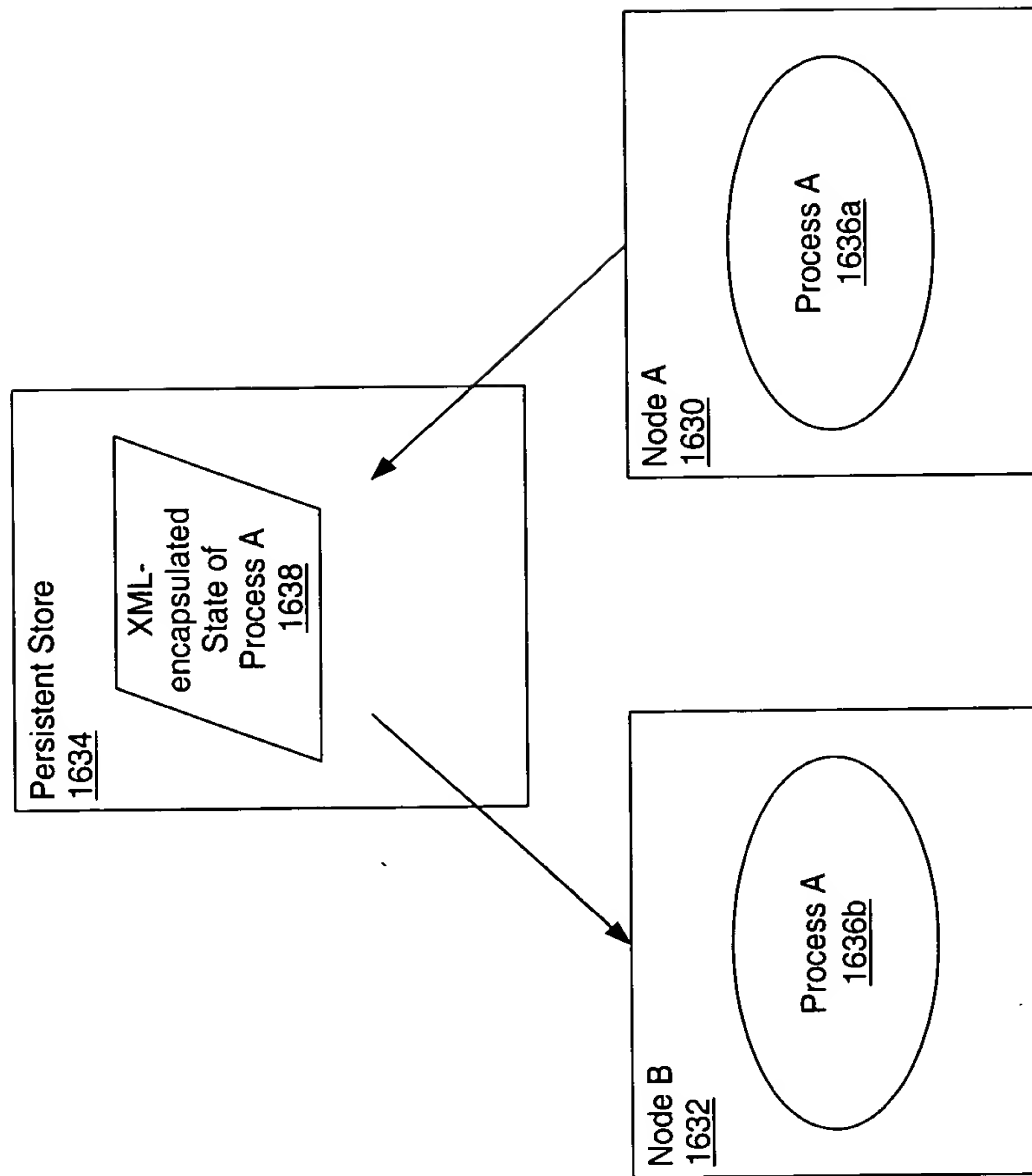


Fig. 37

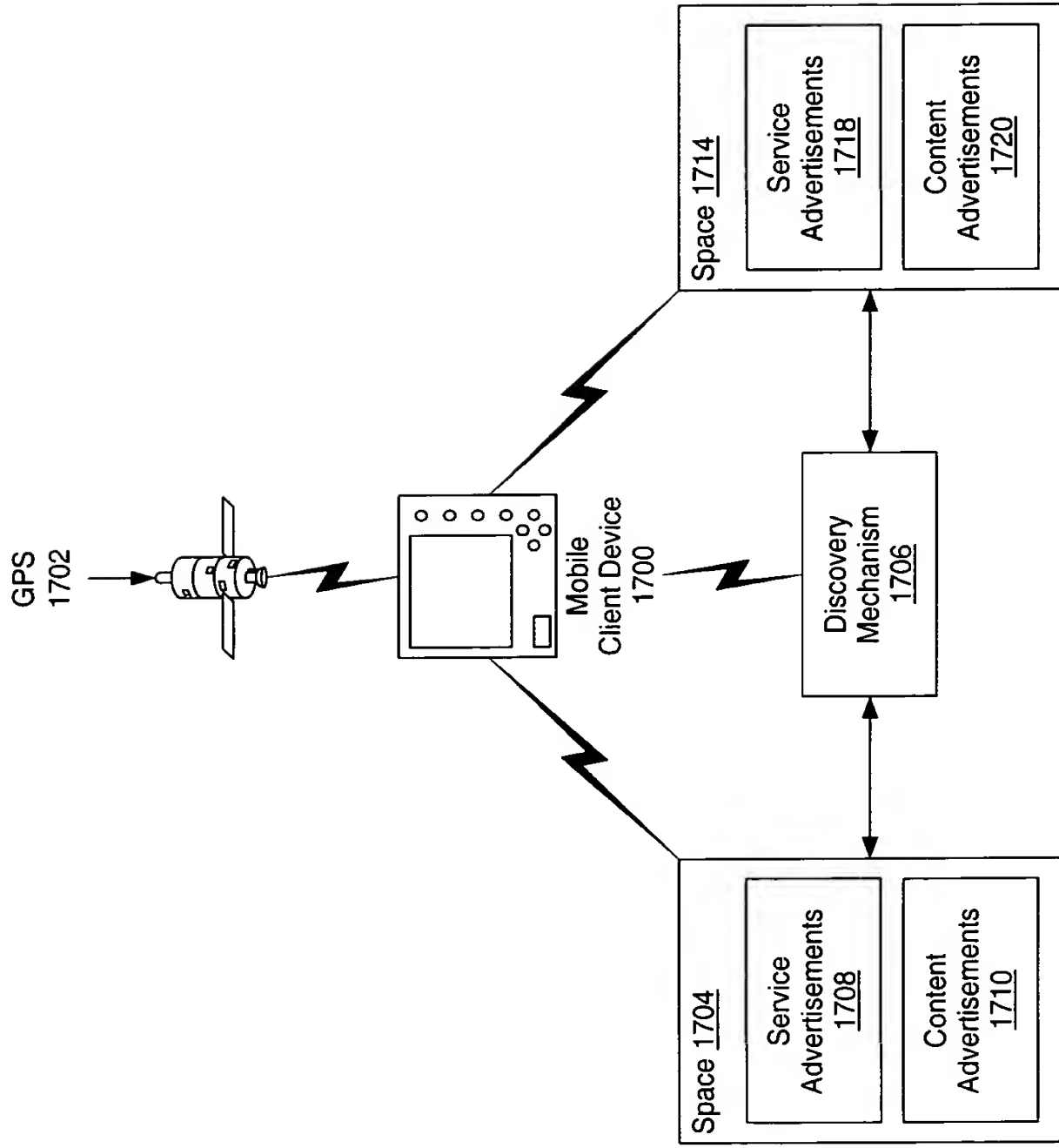


Fig. 38

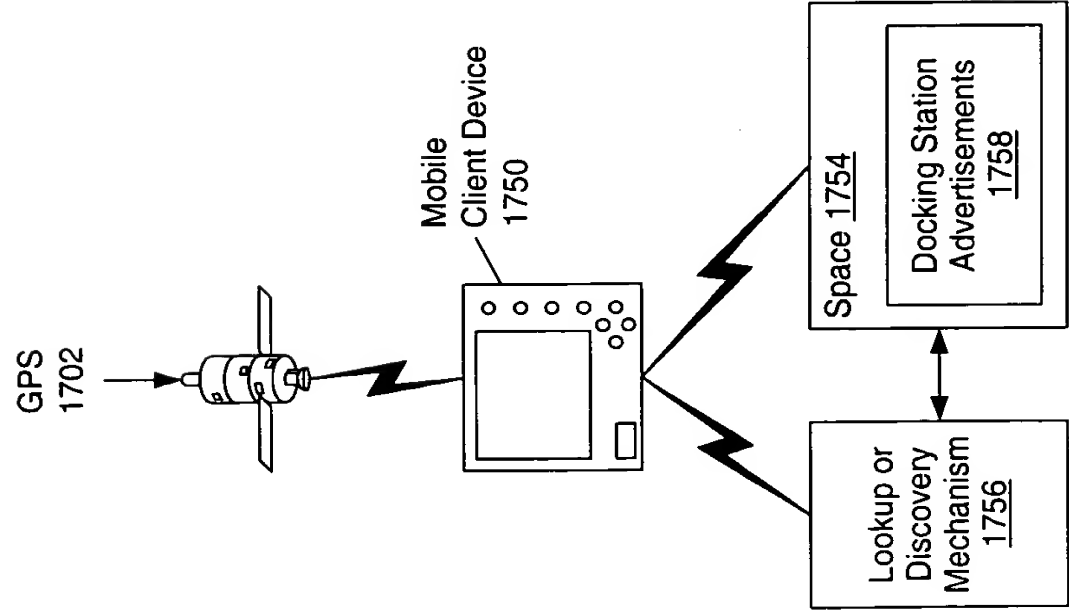


Fig. 39a

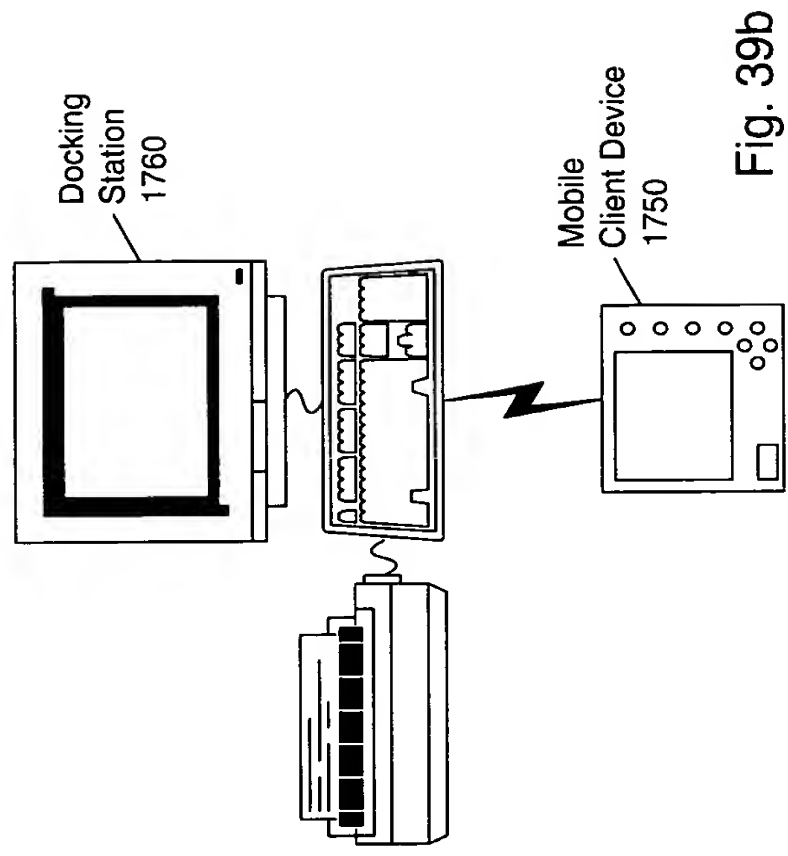


Fig. 39b

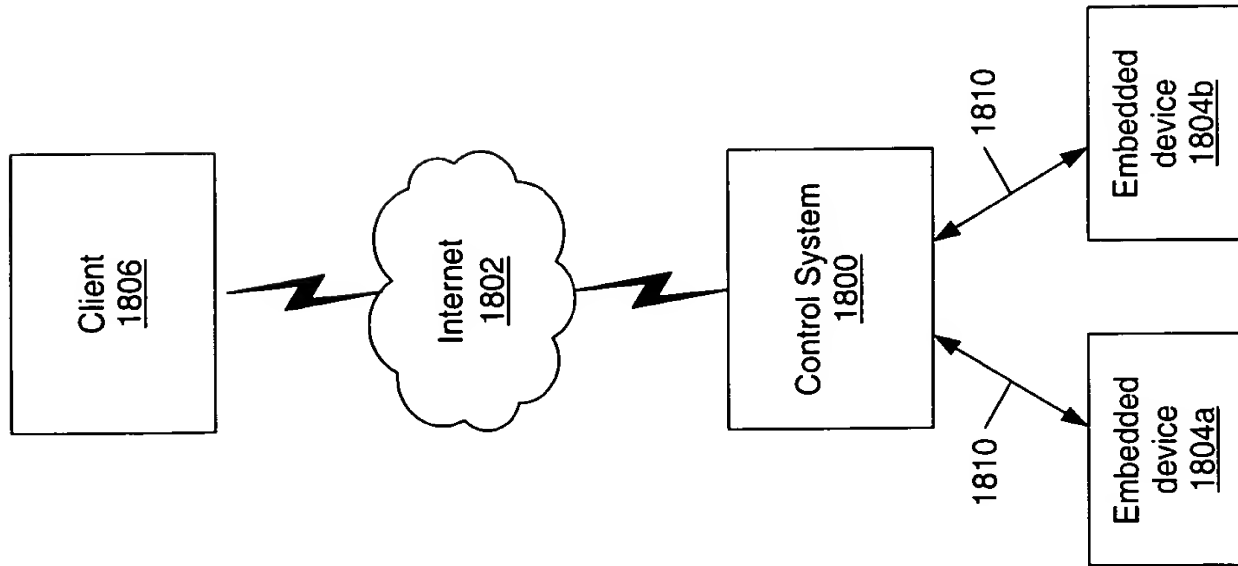


Fig. 40a

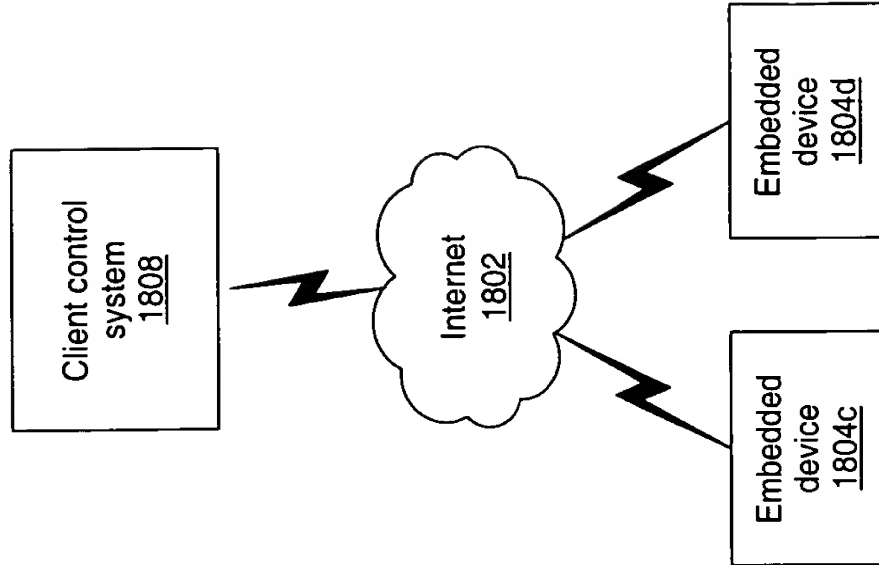


Fig. 40b

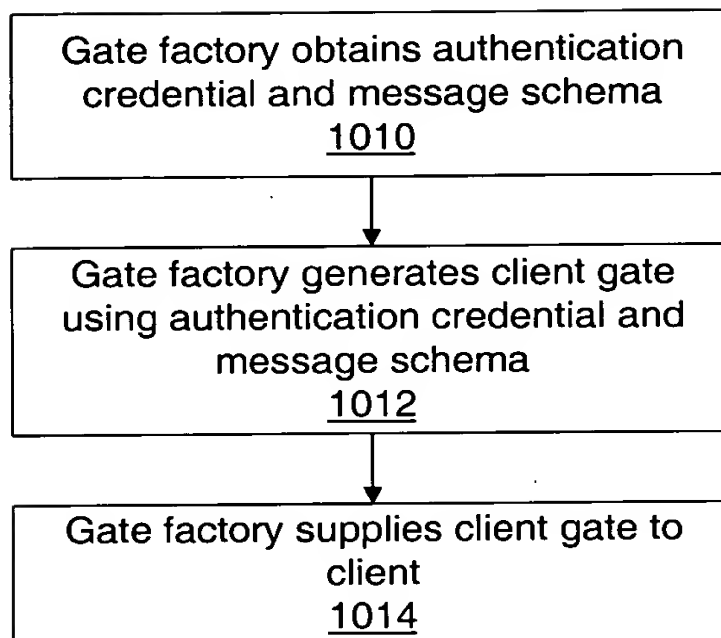


FIG. 41

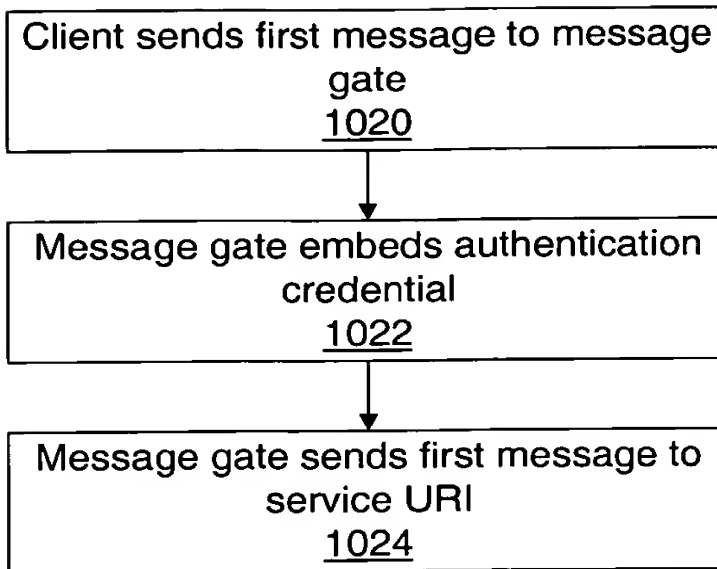


FIG. 42a

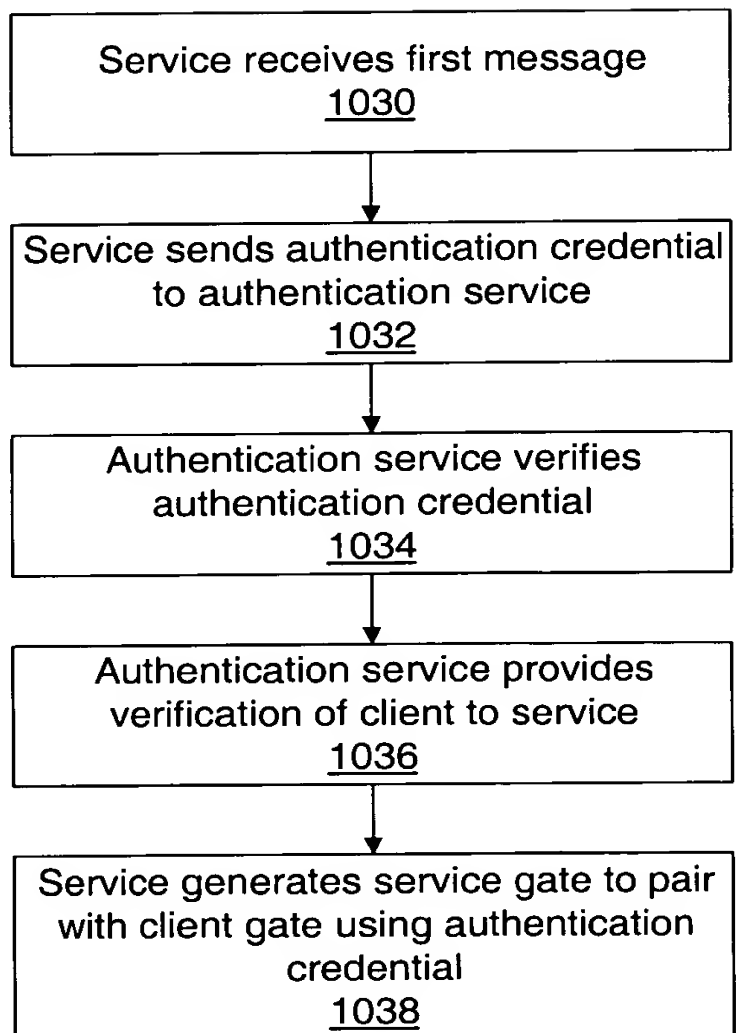


FIG. 42b



09592765 101900

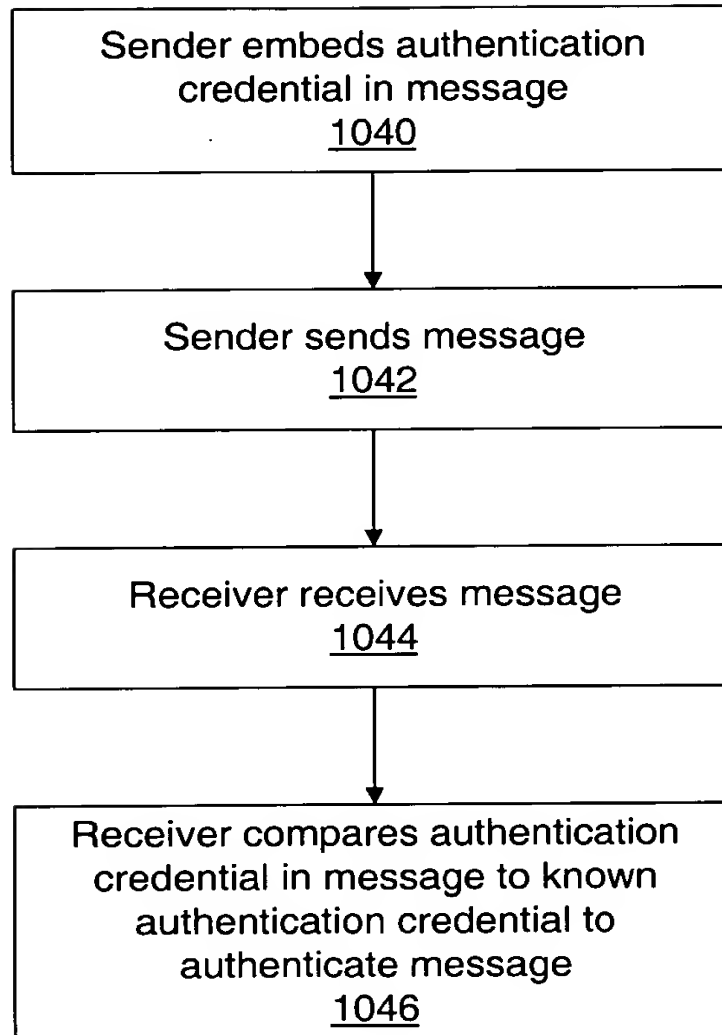


FIG. 42c

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graph TD
    1050[Sender embeds credential in message  
1050] --> 1052[Sender sends message  
1052]
    1052 --> 1054[Receiver receives message  
1054]
    1054 --> 1056[Receiver examines credential and  
message to verify message has not  
been compromised  
1056]

```

FIG. 43

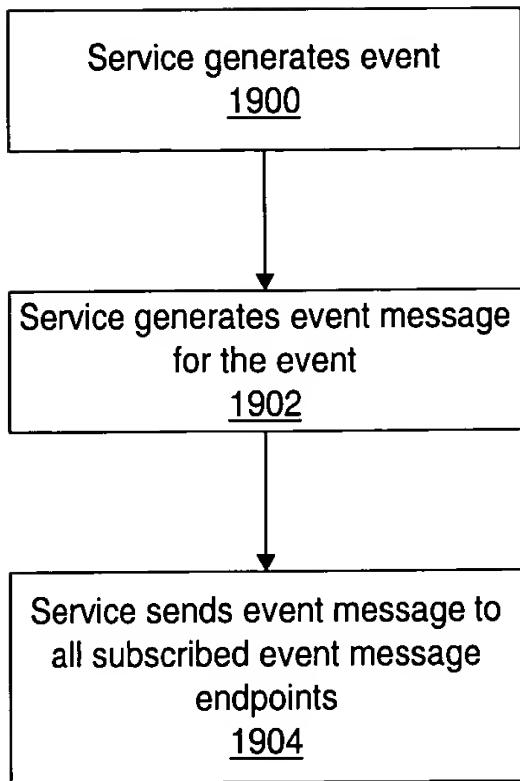
[illegible]

Figure 44

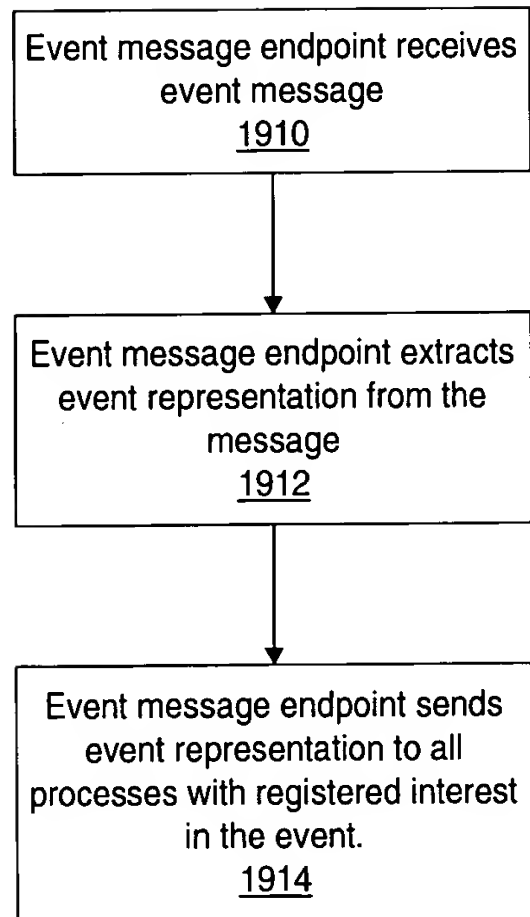


Figure 45